

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A device ~~Device (10)~~ for circulating sealing gas for mechanical dry seals ~~(11)~~ of a centrifugal compressor ~~(13)~~ at times when the ~~machine~~ compressor is stationary and pressurized, ~~characterized in that it comprises~~ comprising: a sealed reciprocating compressor ~~(12)~~, the reciprocating compressor ~~(12)~~ including a piston ~~(14)~~ slidable in a cylinder ~~(16)~~, the said piston ~~(14)~~ being ~~moved~~ movable by a magnetic coupling ~~to~~ between said piston and an external magnetic element ~~(20)~~ ~~which moves~~ and movable along the said cylinder (16) to move gas from the reciprocating compressor to the dry seals and a heater for receiving the gas moved by said reciprocating compressor and raising the temperature of the gas to a sufficient temperature to prevent the formation of condensate and/or ice between a sealing ring and disc of said mechanical dry seals.
2. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that~~ wherein the said external magnetic element ~~(20)~~ is moved by a reciprocating motor ~~(18)~~.
3. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 2, ~~characterized in that~~ wherein the said reciprocating motor ~~(18)~~ is of the pneumatic type.
4. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that~~ wherein said external magnetic element ~~(20)~~ is a ring which is moved outside the said cylinder ~~(16)~~.
5. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that~~ wherein said cylinder ~~(16)~~ is made from nonmagnetic material.
6. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that~~ wherein said piston ~~(14)~~ is made from a material sensitive to a magnetic field.
7. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 6, ~~characterized in that~~ wherein said piston ~~(14)~~ is made from a metallic material.

Cancel claim 8 and 9

10. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that the~~ wherein said reciprocating compressor ~~(12)~~ is double-acting.

11. (Currently amended) Gas circulation device ~~(10)~~ according to Claim 1, ~~characterized in that the~~ wherein dimensions of ~~the~~ said reciprocating compressor ~~(12)~~ are small.